

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning at page 18, line 14 as follows:

—Subsequently, a tracking bias limit value E_{max} is set. This value is set with reference to the error center value E_c described above. Further, the data processing section 10 sets the value of the coefficient K_t used to generate a balance-adjusted TE signal, to $K_{t0}=1.0$. With use of this $K_{t0}=1.0$, the error signal generating section 8 is caused to generate a balance-adjusted TE signal.—